DEPARTMENT OF THE NAVY
NAVAL AIR STATION OCEANA
1750 TOMCAT BOULEVARD
VIRGINIA BEACH, VIRGINIA 23460-2191

IN REPLY REFER TO:
NASOCEANAINST 13840.2D CH-1
40
14 JUN 2000

NAS OCEANA INSTRUCTION 13840.2D CHANGE TRANSMITTAL 1

Subj: FLIGHTLINE STATIONARY AIR START SYSTEM (SASS)

1. Purpose. To transmit Change 1 to the basic instruction.

2. Action. Make pen and ink changes as follows:

a. Change reference (a) to read OPNAVINST 4790.2G.

b. Change reference (c) to read NASOCEANAINST 5100.1C CH-3.

c. Change paragraph 4a first sentence to read: "Maintain and repair external alternating current (AC) power cables and air start hoses."

3. Cancellation. Upon completion of action.

W. C. ZOBEL

Distribution:
NASOCEANAINST 5216.1V
Lists I (Case A), II and III

CH-1 made 14 Jun-incorporated

DEPARTMENT OF THE NAVY
NAVAL AIR STATION OCEANA
VIRGINIA BEACH, VIRGINIA 23460-5120

IN REPLY REFER TO:

NASOCEANAINST 13840.2D
40
18 Dec 97

NAS OCEANA INSTRUCTION 13840.2D

Subj: FLIGHTLINE STATIONARY AIR START SYSTEM (SASS)

Ref: (a) ~~OPNAVINST 4790.2F~~ OPNAVINST 4790.2G
(b) NAVAIR 00-80T-96
(c) NASOCEANAINST 5100.1C, CH-3

1. Purpose. To establish responsibilities for the operation, maintenance and reporting of discrepancies pertaining to the Stationary Air Start System (SASS) per references (a) through (c) and establish pre-operational inspection requirements.

2. Cancellation. NASOCEANAINST 13840.2C. Due to numerous revisions, paragraph markings have been omitted.

3. Discussion. The SASS is a shore based system for starting aircraft requiring large volumes of high pressure air and electrical power. The number of aircraft that can be started depends on engine starting air flow requirements and proper utilization of the air supply during the engine starting cycle. Excessive aircraft engine windmills during maintenance and systems checks (five minutes or longer) will reduce available air in the storage tank and can cause premature system shutdown.

a. System Capabilities

(1) AC power cables provide 115/120 volts, 400 HZ.

(2) Air start provides 45/75 PSI.

b. SASS Console Locations

(1) SASS units are located on the flightline adjacent to Hangars 111, 122, 200, 404 and 500.

(2) Weapons Hot Pad SASS is located on the west side of Building 900 and consists of six consoles.

(3) High Power Turn-up Areas SASS is located on the west side of Aviation Intermediate Maintenance Detachment (AIMD) Test Cell and consists of three consoles.

4. Responsibilities

a. AIMD. Maintain and repair external alternating current (AC) ~~air conditioner (ACx~~ power cables and air start hoses. ~~Consumable parts for repair are funded through the Base Civil Engineering Department.~~

b. Public Works Center (PWC)

(1) Perform preventive maintenance, repairs and corrosion treatment, including corrosion prevention up to air hose AC cable tie-ins, per applicable Naval Air (NAVAIR) and manufacturer's maintenance instructions.

(2) Provide Fighter Wing Atlantic (FITWINGLANT), Weapons Department and AIMD Test Cell with a monthly periodic maintenance schedule for the SASS consoles.

(3) Maintain control consoles in correct configuration per Naval Air Systems Command and manufacturer's instructions. Ensure all controls, cables, circuit breakers and valves are clearly labeled.

c. Fighter Wing Atlantic

(1) Create a local pre-operational checklist using references (a) through (c) and applicable aircraft manuals as guidelines.

(2) Provide local pre-operational checklist to tenant squadrons and any detachment squadrons utilizing SASS.

(3) Annually review local pre-operational checklist for accuracy.

d. Assigned User Activity

(1) Ensure personnel complete On the Job Training (OJT) in the operation of SASS units. Support Equipment License is not required.

(2) Comply with reference (b), ground handling and safety precautions for air hoses and cables.

(3) Perform pre-operational inspection per reference (b), utilizing the pre-operational inspection checklist provided by FITWINGLANT.

(4) Maintain security and cleanliness of the console and immediate surrounding areas.

(5) Park aircraft so the jet exhaust will be directed away from the SASS compressor and receiver to prevent overheating of the coolant system and inadvertent automatic emergency shutdown.

(6) Do not use SASS consoles as a storage area or work stand.

S. E. BENSON

Distribution:
NASOCEANAINST 5216.1Q
List I (Case A), II and III